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— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
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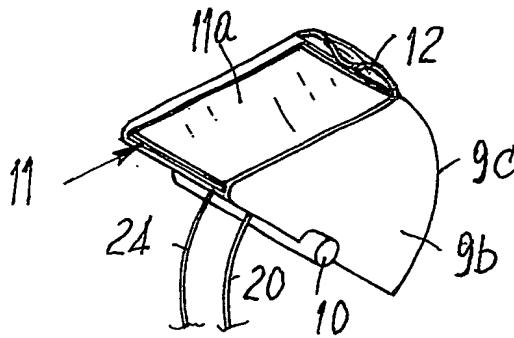
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INTEGRATED SYSTEM FOR DETECTING AND MATCHING FINGERPRINTS

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(57) Abstract: A system for obtaining a quality image by the use of at least one biometric capacitive fingerprint sensor having a plurality of capacitive sensor cells arranged underneath a surface of dielectric material (11a) and each including at least one capacitor plate, and a plurality of registers, the system comprises the step of modulating any electromagnetic field generated at each capacitor plate in accordance with worst cleaning conditions of said surface (11a) of dielectric material, thereby obtaining a quality image with a correct contrast between ridge and valley of a detected fingerprint.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB04/00279

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06K 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06K 9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

F41A 17/09

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNPAT, EPO-Internal, WPI, PAJ, image, quality, biometric, fingerprint?, sensor?, dielectric, contrast, detect+

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN1164075A (HARRIS CORP) 05.Nov.1997	1,10
A	US6098330A (SCHMIDT, JOHN C.) 28.Aug.2000	1,10

Further documents are listed in the continuation of Box C. See patent family annex.

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Name and mailing address of the ISA/ 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. (86-10)62019451	Authorized officer LJ. Qian  Telephone No. (86-10) 62084974

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN1164075A	05.Nov.1997.	EP0791899 A2 JP9251530 A KR97059975 A US5963679 A	27.Aug.1997 22.Sep.1997 12.Aug.1997 05.Oct.1999
US6098330A	08.Aug.2002	NONE	